GOVERNMNET OF ANDHRA PRADESH

ABSTRACT

Water Resources Department – BPR Canal (Kavali Canal) - Supplementation of water to Minor Irrigation Tanks viz., Kothapalli, RC Palem, Chalamacherla Large Tank, Adavi Lakhsmipuram and Kaminenipalem through L.I.Schemes - Administrative Sanction for an amount of Rs.2716.74 Lakhs –Orders - Issued.

WATER RESOURCES (Projects-II) DEPARTMENT

G.O.Rt.No.184. **Dated:06.03.2019.**

Read:

From the CE, NTRTGP, Tirupati Letter No.CE/NTR-TGP/TPT/ TS/TS/T1/F.LI Kavali Canal, dated:23.01.2019.

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ORDER:-

In the reference read above, the Chief Engineer, NTRTGP, Tirupati has stated that the Bezwada Papi Reddy (Kavali) Canal is a component of Somasila Project taking off from Sangam Anicut in Nellore District. The canal is combined with Kanigiri Main canal for a length of 1.609 KM to serve a wet ayacut of 25,000 acres under 52 No of tanks for its stabilization with a new ID ayacut of 50,000 Acres in Kavali, Atmakur, Udayagiri and Kovur Constituencies of SPSR Nellore District. For the past few years due to scarcity of rainfall, severe drought conditions prevailed in Kavali Mandal of SPSR Nellore District. Agriculture is the main occupation, due to lack of supplementations, the economic life of the farmers depleted and migrated to another places. The Chief Engineer has further stated that the Superintending Engineer inspected the site on 23.08.2018 including intake points & delivery points. The feasibility of water flow is also studied and found that there is possibility of conveying water to above said Minor Irrigation tanks through lift.

2) The Chief Engineer, NTRTGP, Tirupati while submitting the following (5) Lift Irrigation Scheme estimates, for providing irrigation facility to upland villages with available water in canal for an amount of Rs.3388.00 lakhs under Head of Account 4700 Capital Outlay on Major Irrigation -01 Major Irrigation-Commercial - M.H.112 Somasila Project -G.H.11 State Development Schemes – S.H (27) Canals and Distributaries -530 Major works- 531 Other Expenditure.

SN	Name of work	Estimate Amount
1	Construction and Commissioning of Adavi Lakshmipuram LI Scheme on Rudrakota Major Distributory @ KM 6.670 on Kavali Canal in Kavali Mandal of SPSR Nellore District.	Rs.427.00 Lakh
2	Construction and Commissioning of Chalamcherla LI Scheme on Rudrakota Major Distributory @ KM 4.000 on Kavali Canal in Kavali Mandal of SPSR Nellore District	Rs.393.00 Lakh
3	Construction and Commissioning of Kamminenipalem LI Scheme on SVPMD @ KM 2.525 on Kavali Canal in Dagadarthi Mandal of SPSR Nellore District	Rs.437.00 Lakh
4	Construction and Commissioning of Kothapalli LI Scheme on Kavali Canal @ KM 67.022 in Kavali Mandal of SPSR Nellore District.	Rs.538.00 Lakh
5	Construction and Commissioning of R.C.Palem LI Scheme on Kavali Canal @ KM 67.022 in Kavali Mandal of SPSR Nellore District.	Rs.1593.00 Lakh
	Total	**Rs.3388.00 Lakh**

3) Government after careful examination of the proposal, hereby accord administrative sanction for an amount of Rs.2716.74 Lakhs (Rupees two thousand seven hundred sixteen lakhs and seventy four thousands only) following (4) works. (The details of the provisions are annexed).

(PTO)

S.No	Description	Amount (Rs. in Lakhs)
1	Construction and Commissioning of Adavi Lakhsmipuram LI Scheme on Rudrakota major Distributary @Km 6.670 of Kavali canal in Kavali Mandal, SPSR Nellore District.	Rs.407.57 Lakhs
2	Construction and Commissioning of Chalamcherla LI Scheme on Rudrakota major Distributary @ Km 4.000 of Kavali canal in Kavali Mandal, SPSR Nellore District.	Rs.375.81 Lakhs
3	Construction and Commissioning of Kaminenipalem LI Scheme @ Km 2.525 on SVPMD of Kavali canal in Dagadarthi Mandal, SPSR Nellore District.	Rs.417.47 Lakhs
4	Construction and Commissioning of R.C Palem LI Scheme @ Km 67.022 on Kavali canal in Kavali Mandal, SPSR Nellore District.	Rs.1515.89 Lakhs
Total		**Rs.2716.74 Lakhs**

4) The Chief Engineer, NTRTGP, Tirupati shall ensure the following before according technical sanction.

1	Drawl of 503.90 Mcft of water for the proposed 5 Nos. LI Schemes without affecting the ayacut contemplated under the Kavali canal system.
2	Both the schemes i.e., R.C Palem & Kothapalli LI Schemes are proposed on the Kavali canal at the same location i.e., @ Km 67.022. As proposing 2 schemes at the same location is not technically feasible and economically viable, re-design the Pump house of the R.C Palem LI Scheme so as to supplement water to Kothapalli tank also. If any increase in cost, the CE is to be approach the Govt., for revised sanction of the R.C Palem LI Scheme.
3	The correctness of provisions, quantities, rates is annexed.
4	The design/drawings may be approved by the competent authority.

5) The expenditure mentioned at para (3) above is chargeable under Head of Account 4700 Capital Outlay on Major Irrigation-01 Major Irrigation-Commercial -M.H.112 Somasila Project - G.H.11 State Development Schemes – S.H (27) Canals and Distributaries -530 Major works- 531 Other Expenditure.

6) The Chief Engineer, NTRTGP, Tirupati shall take necessary action accordingly.

7) This order issues with the concurrence of Finance (FMU-W.R.II) Department, vide their U.O.No.FIN01-FMU0PC(WR2)/34/2019-FMU-WR-II (Computer No. 810730), dated:04.03.2019.

(BY ORDER AND IN THE NAME OF THE GOVERNOR OF ANDHRA PRADESH)
SHASHI BHUSHAN KUMAR
SECRETARY TO GOVERNMENT

To:
The Chief Engineer, NTRTGP, Tirupati.

Copy to:
The P.S. to Prl.Secretary to Hon'ble CM.
The P.S to Hon'ble Minister Finance.
The P.S to Hon'ble Minister (WRD).
The P.S to Secretary to Govt., (WRD).
The Accountant General, A.P. Hyderabad.
The Director of Works and Accounts, Ibrahimpatnam, Vijayawada.
The Finance (FMU-W.R.II) Department.
Sf/Sc.

// FORWARDED::BY ORDER //

SECTION OFFICER

(Continued…..Annexure)

(Annexure to the G.O.Rt.No.184, Water Resources (Projects-II) Department, dated:06.03.2019.)

1) Construction and Commissioning of Adavi Lakhsmipuram LI Scheme on Rudrakota major Distributary @Km 6.670 of Kavali canal in Kavali Mandal, SPSR Nellore District. The provisions proposed in the scheme are tabulated below;

S.No	Description	Amount (Rs. in Lakhs)
1	Preliminaries	0.43
2	Intake well:2.0m internal dia	1.65
3	Intake Pipe Line:900 mm dia RCC NP2 class s/s pipe of length 20.00m	2.47
4	Sump Well: RCC circular type sump well with internal dia 7.0m	15.23
5	Pump House:4.00x12.60m size	17.59
6	Scour chamber:1.80x1.80m size	4.15
7	Barrel supporting structure:0.60m thick M20 RCC walls	1.72
8	Fencing around head works:75x75x6 mm angles are proposed over 0.30 m RCC walls	20.60
9	Transformer yard civil works:	4.37
10	Pressure Main:700mm dia 2040 m length	150.07
11	Branch Pressure Main	31.26
12	Gravity Main:700 mm dia of 540.00m length	34.69
13	Delivery cisterns:5.0m internal dia with 0.30 m thick steining	8.79
14	Electrical & Mechanical works: 2x90 HP Pump sets, Double pole structure: 1x250 KVA transformer	47.65
15	LS Provisions: GST@12%, Service Line charges, NAC@0.1%, Seignorage charges, Investigation charges, tender publication charges etc.	66.90
	Total	407.57

2) Construction and Commissioning of Chalamcherla LI Scheme on Rudrakota major Distributary @ Km 4.000 of Kavali canal in Kavali Mandal, SPSR Nellore District. The provisions proposed in the scheme are tabulated below;

S.No	Description	Amount (Rs. in Lakhs)
1	Preliminaries	0.43
2	Intake well:3.0m internal dia	2.82
3	Intake Pipe Line:1000 mm dia NP3 Class s/s pipe of length 20.00m	3.27
4	Sump Well: RCC circular type sump well with internal dia 10.0m	19.36
5	Pump House:4.00x16.90m size	20.40
6	Scour chamber:	4.11
7	Barrel supporting structure:0.60m thick M20 RCC walls	1.75
8	Fencing around head works:75x75x6 mm angles are proposed over 0.30 m RCC walls	20.65
9	Transformer yard civil works:	4.36
10	Pressure Main:800mm dia 1650 m length	144.83
11	Delivery cisterns:7.0m internal dia with 0.30 m thick steining.	5.87
12	Electrical & Mechanical works: 3x70 HP Pump sets, Double pole structure: 1x315 KVA transformer	61.40
13	LS Provisions: GST@12%, Service Line charges, NAC@0.1%, Seignorage charges, Investigation charges, tender publication charges etc.	86.56
	Total	375.81

3) Construction and Commissioning of Kaminenipalem LI Scheme @ Km 2.525 on SVPMD of Kavali canal in Dagadarthi Mandal, SPSR Nellore District. The provisions proposed in the scheme are tabulated below;

S.No	Description	Amount (Rs. in Lakhs)
1	Preliminaries	0.50
2	Intake well:2.0m internal dia	1.86
3	Intake Pipe Line:900 mm dia RCC NP2 class s/s pipe of length 20.00m	3.56
4	Sump Well: RCC circular type sump well with internal dia 7.0m	16.06
5	Pump House:4.00x12.60m size	16.80
6	Scour chamber:1.80x1.80m size	4.10
7	Barrel supporting structure:0.60m thick M20 RCC walls	1.71
8	Fencing around head works:75x75x6 mm angles are proposed over 0.30 m RCC walls	20.60
9	Transformer yard civil works:	4.37
10	Pressure Main:800mm dia 1170 m length	97.16
11	Gravity Main:800 mm dia of 1050.00m length	111.43
12	Delivery cisterns:6.0m internal dia MDC-1 Nos. & 5.0 m DC-1: 1 Nos.	7.50
13	Electrical & Mechanical works: 2x 100 HP Pump sets, Double pole structure: 1x250 KVA transformer	52.90
14	LS Provisions: GST@12%, Service Line charges, NAC@0.1%, Seignorage charges, Investigation charges, tender publication charges etc.	78.92
	Total	417.47

4) Construction and Commissioning of R.C Palem LI Scheme @ Km 67.022 on Kavali canal in Kavali Mandal, SPSR Nellore District. The provisions proposed in the scheme are tabulated below;

S.No	Description	Amount (Rs. in Lakhs)
1	Preliminaries	0.45
2	Intake well:3.0m internal dia	2.62
3	Intake Pipe Line:1200 mm dia RCC NP2 class s/s pipe of length 20.00m	5.39
4	Sump Well: RCC circular type sump well with internal dia 10.0m	43.03
5	Pump House:4.00x16.90m size	24.70
6	Scour chamber:1.80x1.80m size	4.70
7	Barrel supporting structure:0.60m thick M20 RCC walls	3.79
8	Fencing around head works:75x75x6 mm angles are proposed over 0.30 m RCC walls	31.90
9	Transformer yard civil works:	5.34
10	Pressure Main:1000mm dia 1800 m length	701.57
	Gravity Mains	283.07
12	Delivery cisterns:8.0m internal dia	16.40
13	Electrical & Mechanical works: 3x 150 HP Pump sets, Double pole structure: 1x630 KVA transformer	169.70
14	LS Provisions: GST@12%, Service Line charges, NAC@0.1%, Seignorage charges, Investigation charges, tender publication charges etc.	223.23
	Total	1515.89

SHASHI BHUSHAN KUMAR
SECRETARY TO GOVERNMENT